

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of continuously mixing two flows, which ~~consist of~~ comprise a first, larger flow (2) and a second, smaller flow (3), where the second flow (3) is introduced into the first flow (2) in a direction opposite to that of the first flow (2), and the mixed flows (19) are caused to change direction immediately after the mixing process, ~~characterised in that~~ wherein the first flow (2) is throttled and divided into a plurality of subflows immediately before the mixing.

2. (Currently Amended) An apparatus (1) for continuous mixing of two flows, the flows ~~consisting of~~ comprising a first, larger flow (2) and a second, smaller flow (3), the apparatus (1) comprising a T pipe (4), where a first connection (6) constitutes an inlet (20) for the first flow (2) and a second connection (7), at 180° in relation to the first (6), constitutes an inlet (21) for the second flow (3), said second flow (3) being led into the first flow (2) through a conduit (13) within the T pipe (4), and a third connection (9), at 90° in relation to both of the other connections (6, 7) constituting an outlet (22) for the mixed flows (19), ~~characterised in that~~ wherein the first connection (6) for the first flow (2) is provided with a conical portion (10) in which are provided a number of holes (12).

3. (Currently Amended) The apparatus (4) as claimed in Claim 2, ~~characterised in that~~ wherein the minor end (15) of the conical portion (10) has a diameter which is approximately 50 % of the diameter of the conduit (13).

4. (Currently Amended) The apparatus (4) as claimed in Claim 3, ~~characterised in that~~ wherein the minor end (15) of the conical portion (10) and the end (16) of the conduit (13) are located 0-10 mm from one another.

5. (Currently Amended) The apparatus (1) as claimed in ~~any of Claims 2-4,~~ ~~characterised in that~~ claim 2, wherein the conical portion (10) has, in its major end (14), a straight section (11) in which the holes (12) are provided.

6. (Currently Amended) The apparatus (4) as claimed in ~~any of Claims 2-5,~~ ~~characterised in that~~ claim 2, wherein the holes (12) are between five and fifteen in number, each having a diameter of 2-5 mm.

7. (New) The apparatus as claimed in claim 3, wherein the conical portion has, in its major end, a straight section in which the holes are provided.

8. (New) The apparatus as claimed in claim 4, wherein conical portion has, in its major end, a straight section in which the holes are provided.

9. (New) The apparatus as claimed in claim 3, wherein the holes are between five and fifteen in number, each having a diameter of 2-5 mm.

10. (New) The apparatus as claimed in claim 4, wherein the holes are between five and fifteen in number, each having a diameter of 2-5 mm.

11. (New) The apparatus as claimed in claim 5, wherein the holes are between five and fifteen in number, each having a diameter of 2-5 mm.